



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
(MBHB Case No. 00-1123-D)

PATENT

1641
EPW

Application of:

Cunningham, et al.

Serial No.: 09/930,352

Filed: August 15, 2001

For: A Label-Free High-Throughput Optical
Technique for Detecting Biomolecular
Interactions

)
)
)
)
)
)
)
)
)
)
)

Group Art Unit: 1641

Examiner: Yang, Nelson C.

TRANSMITTAL LETTER

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


In regard to the above-identified application:

1. We are transmitting herewith the attached
 - a. Tenth Supplemental Information Disclosure Statement;
 - b. 20 cited references; and
 - c. Return Receipt Postcard
2. It is believed that no fee is due at this time.
3. CERTIFICATE OF MAILING UNDER 37 CFR §1.8: The undersigned hereby certifies that this Transmittal Letter and the paper described in paragraph 1, are being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on March 1, 2005.

Respectfully submitted,
McDonnell Boehnen Hulbert & Berghoff LLP

Date: March 1, 2005

By:


Lisa M.W. Hillman, Ph.D
Reg. No. 43,673

McDonnell Boehnen Hulbert & Berghoff LLP
300 S. Wacker Drive
Chicago, Illinois 60606
312.913.0001

FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

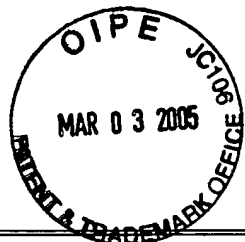
Atty. Docket No.

00-1123-D

Serial No.

09/930,352

**TENTH SUPPLEMENTAL INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**
(Use several sheets if necessary)



Applicant:

Cunningham, et al.

Filing Date:

August 15, 2001

Group:

1641

U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
	1.	3,689,346	9/5/72	Rowland	156	245	9/29/70
	2.	4,420,502	12/13/83	Conley	427	54.1	3/18/82
	3.	5,155,785	10/13/92	Holland, et al.	385	89	10/30/91

FOREIGN PATENT DOCUMENTS

		Document Number							Date	Country	Class	Subclass	Translation	
													Yes	No
4.	2	3	9	5	3	1	8	8/23/01	CA					
5.	2	3	9	4	9	6	6	8/23/01	CA					
6.	2	8	0	1	9	7	7	02/12/99	FR					
7.	0	3	2	6	2	9	1	02/08/89	EP					
8.	9	9	5	4	7	1	4	28/10/99	PCT					
9.	0	0	2	9	8	3	0	25/05/00	PCT					

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

		10.	Anderson, et al., "Proteomics: applications in basic and applied biology", <i>Current Opinion in Biotechnology</i> , 2000, 11:408-412
		11.	MacBeath, et al., "Printing Proteins as Microarrays for High-Throughput Function Determination", <i>Science</i> , Vol. 289, pp. 1760-1763, 2000

		12.	deWildt, et al., "Antibody arrays for high-throughput screening of antibody-antigen interactions", <i>Nature Biotechnology</i> , Vol. 18, pp. 989-994, 2000
		13.	Cunningham, et al., "A plastic colorimetric resonant optical biosensor for multiparallel detection of label-free biochemical interactions", <i>Sensors and Actuators B</i> , 85 (2002) 219-226
		14.	Caruso, et al., "Quartz Crystal Microbalance Study of DNA Immobilization and Hybridization for Nucleic Acid Sensor Development", <i>Analytical Chemistry</i> , Vol. 69, No. 11, pp. 2043-2049, 1997
		15.	Hefti, et al., "Sensitive detection method of dielectric dispersions in aqueous-based, surface-bound macromolecular structures using microwave spectroscopy", <i>Applied Physics Letters</i> , Vol. 75, No. 12, pp. 1802-1804, 1999
		16.	Wu, et al., "Bioassay of prostate-specific antigen (PSA) using microcantilevers", <i>Nature Biotechnology</i> , vol. 19, pp. 856-860, 2001
		17.	Wasserman, et al., "Structure and Reactivity of Alkylsiloxane Monolayers Formed by Reaction of Alkyltrichlorosilanes on Silicon Substrates", <i>Langmuir</i> , 5, 1074-1087, 1989
		18.	Kallury, et al., "X-ray Photoelectron Spectroscopy of Silica Surfaces Treated with Polyfunctional Silanes", <i>Anal. Chem.</i> , 60, 169-172, 1988
		19.	Cunningham, et al., "Colorimetric resonant reflection as a direct biochemical assay technique", <i>Sensors and Actuators B</i> , 81 (2002) 316-328
		20.	Mullaney, et al., "Epitope Mapping of Neutralizing Botulinum Neurotoxin A Antibodies by Phage Display", <i>Infection and Immunity</i> , Vol. 69, No. 10, pp. 6511-6514, 2001
EXAMINER			DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication.